

CHROMOSOME NUMBERS FOR SOUTHWESTERN NORTH AMERICAN  
SPECIES OF *ANTENNARIA* (ASTERACEAE: GNAPHALIEAE)

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ABSTRACT

Chromosome numbers were determined from somatic material for 30 individuals of *Antennaria* Gaertner (Asteraceae: Gnaphalieae), representing four commonly occurring species from southwestern North America. The counts agree with previous reports for the respective species and are presented without comment.

RESUMEN

Se realizaron recuentos cromosómicos de material somático de 30 individuos de *Antennaria* Gaertner (Asteraceae: Gnaphalieae), que representan a cuatro especies comunes en el suroeste de Norte América. Los recuentos concuerdan con los realizados previamente en las respectivas especies y se presentan sin comentarios.

Chromosome counts here supplement previous counts for North American *Antennaria*. Cultivation of plants and preparation of somatic material for chromosome number determinations followed the procedures of Chinnappa (1986). Voucher specimens remain in my possession and duplicates are deposited in SLRO. I collected all specimens; staminate specimens are marked with an asterisk (\*).

**ASTERACEAE**

***Antennaria howellii*** Greene.  $2n = 112$ . **COLORADO: Pueblo Co.:** CO 165, Alpine Park NW of Rye, Ch3190; between mileposts 23 and 22, Ch3193. **Custer Co.:** CO 165, Bigelow Divide, near milepost 8, Ch3200.

***Antennaria media*** Greene.  $2n = 56$ . **COLORADO: San Juan Co.:** US 550, S of Red Mountain Pass, Ch3173; Molas Divide, Ch3177.

***Antennaria parvifolia*** Nutt.  $2n = 84$ . **ARIZONA: Coconino Co.:** US 180, vicinity of Forest Road 760, N of Snowbowl, Ch3154; N of Fort Valley Ranch Road, approx. milepost 222, Ch3155. **Rio Grande Co.:** US 160, E of South Fork, vicinity of South Fork Rest Area, Ch3183;  $2n = 112$ . **ARIZONA: Coconino Co.:** Kaibab Plateau, AZ 67, just S of Jacob Lake, Ch3157. **COLORADO: San Juan Co.:** US 550, Red Mountain Pass at Red Mountain Creek, Ch3168 (white form), Ch3169 (red form); alpine meadow S of Red Mountain Pass, Ch3174 (white form), Ch3175 (red form); Molas Divide, Ch3176 (white form), Ch3178 (pink form). **Mineral Co.:** US 160, Wolf Creek Pass, Ch3181, Ch3182\*. **Custer Co.:** CO 165, NW of San Isabel, NW of Beulah Road, Ch3194 (red form), Ch3195 (white form); Bigelow Divide, vicinity of milepost 8, Ch3197\*, Ch3198.

***Antennaria rosea*** Greene.  $2n = 56$ . **COLORADO: Coconino Co.:** Kaibab Plateau, US 67, S of Jacob Lake, vicinity of Kaibab Lodge, Ch3160 (red form), Ch3161 (white form); S of Kaibab Lodge, Ch3163. **San Juan Co.:** US 550, Red Mountain Pass, Red Mountain Creek, Ch3170; S of Red Mountain Pass, Ch3172; Molas Divide, Ch3179. **Pueblo Co.:** CO 165, between mileposts 22 and 23, Ch3192. **Custer Co.:** CO 165, NW of San Isabel, NW of Beulah Road, Ch3196; Bigelow Divide, vicinity of milepost 8, Ch3199.

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## REFERENCE

- CHINNAPPA, C.C. 1986. Chromosome numbers in *Antennaria* (Asteraceae: Inuleae) from western North America. *Canad. J. Genet. Cytol.* 28:468–475.